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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Eugen Koren and Mirna Koscec

Serial No: 08/765,324

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Examiner: P. Duffy

For: METHOD FOR MAKING ANTIBODIES IMMUNOREACTIVE WITH AN
EPITOPE OF AN APOLIPOPROTEIN

Assistant Commissioner for Patents
Washington, D.C. 20231

3/16
Jury
4/3/02
RECEIVED
MAR 20 2002
TECH CENTER 1600/2900

AMENDMENT

Sir:

Responsive to the Office Action mailed December 5, 2001, please amend the application
as follows.

In the Specification

Please delete the abstract and replace it with the following:

For the methods and compositions described herein, an antibody is desired that fulfills two important criteria: (i) selective recognition of lipoprotein and (ii) high and invariable reactivity with lipoprotein particles, irrespective of possible variations in their lipid composition and/or conformation. Such an MAb must, therefore, recognize a stable, conformation-independent epitope which is uninfluenced by the lipid content and which is equally expressed in all lipoprotein particles. To obtain an anti-LDL MAb whose binding to LDL particles is not dependent on variations in LDL composition and/or conformation, mice were immunized with delipidized, soluble, reduced, carboxymethylated, and electrophoretically purified Apo B-100.